

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: OSONE, et al.

Serial No.: Not yet assigned

Filed: February 19, 2004

For: VARIABLE CAPACITOR SYSTEM, MICROSWITCH AND
TRANSMITTER-RECEIVER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

February 19, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.


Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by the discussion of the documents in the specification, for example, on page three (3).

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 500.43521X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP



Paul J. Skwierawski
Registration No. 32,173

PJS/alb
(703) 312-6600
Attachments

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.43521X00	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT OSONE, et al.	
		FILING DATE February 19, 2004	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
	AM	2000-100659	04/07/2000	JP	H01G	5/16	X
	AN	10-308603	11/17/1998	JP	H01P	1/20	X
	AO	9-162462	9-162462	JP	H01L	49/00	X
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	Kuniki OHWADA, "MEMS Variable Capacitor for RF Applications", MWE2001 Microwave Workshop Digest, Pgs. 41-46
	AV	Aleksander DEC, et al., "Micromachined Electro-Mechanically Tunable Capacitors and Their Applications to RF IC's, IEEE Transactions on Microwave Theory and Techniques, Vol 46, No. 12, December 1998
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered